



CERES BLOCKCHAIN
SOLUTIONS

A MEMO TO THE SORA COMMUNITY

DECEMBER 2023

This document accompanies the invoice sent to SORA for the services provided by Ceres Blockchain Solutions.

This memo will provide a description of the products, and the total amount of hours presented in invoice served by Ceres Blockchain Solutions to the SORA Community.

The services performed include the design, development, testing, and maintenance of the following products: Ceres Tools Website, Ceres Tools Mobile Apps (iOS and Android) and Apollo Protocol.

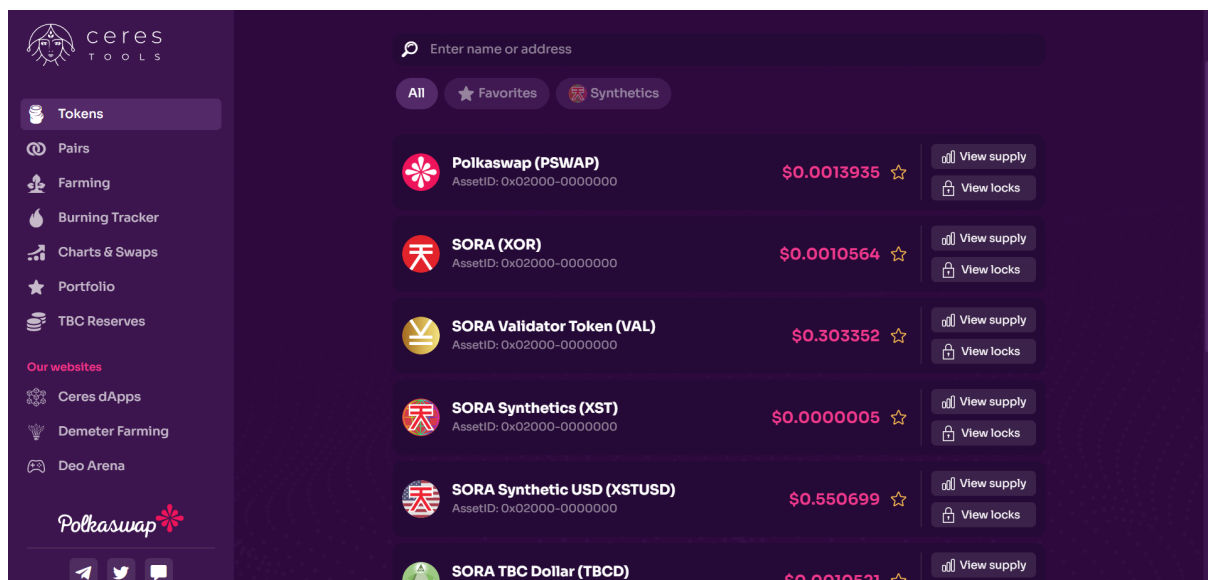
1 Ceres Tools Website – 192 hrs

Ceres Tools (<https://tools.cerestoken.io>) is a platform for tracking data from Polkaswap Decentralized Exchange (<https://polkaswap.io>).

Platform consists of six sections: **Tokens, Pairs, Farming, Burning Tracker, Portfolio, Charts & Swaps** and **TBC Reserves**.

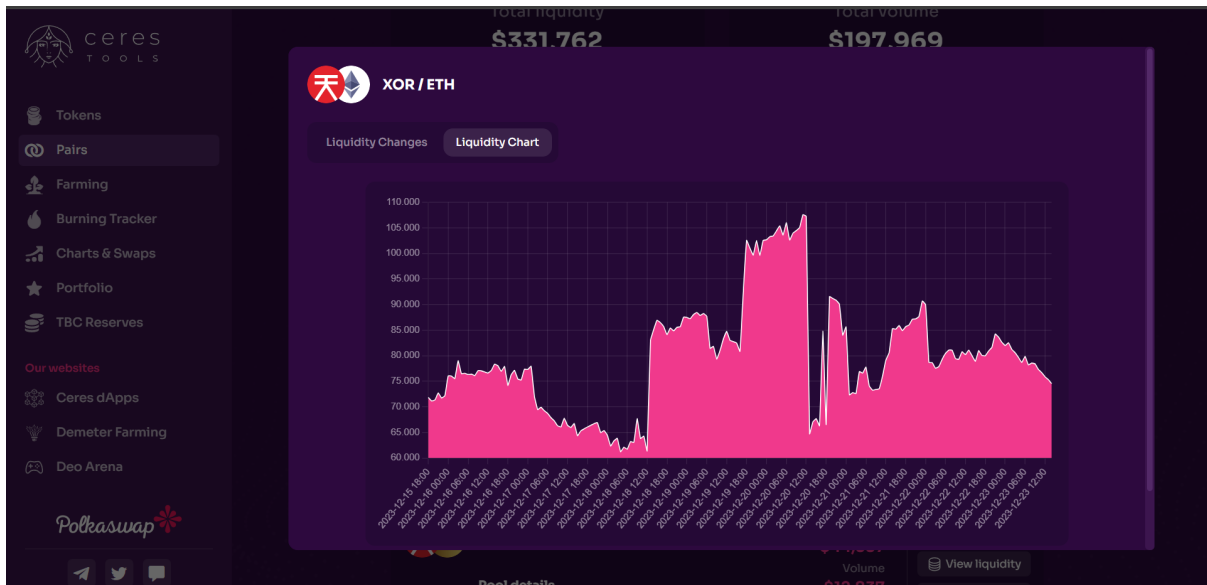
1.1 Tokens

Token prices listed on Polkaswap, their asset IDs, and token locks are displayed in the Tokens section. In this release, token holders will be added.



1.2 Pairs

The pairs section shows liquidity, 24 hour volume, and pool details for each trading pair as well as total liquidity, total 24-hour volume on Polkaswap, and details about liquidity locks. In this section, users can also check Deposit/Withdrawal liquidity events and from this release, liquidity change history for each pair.



1.3 Charts & Swaps

In the Charts part of the section, users can track the token price movement listed on Polkaswap, as well as perform a Technical Analysis using various indicators. In the Swaps part of the section, users can track swaps (buys and sells) for each token on Ceres Tools.

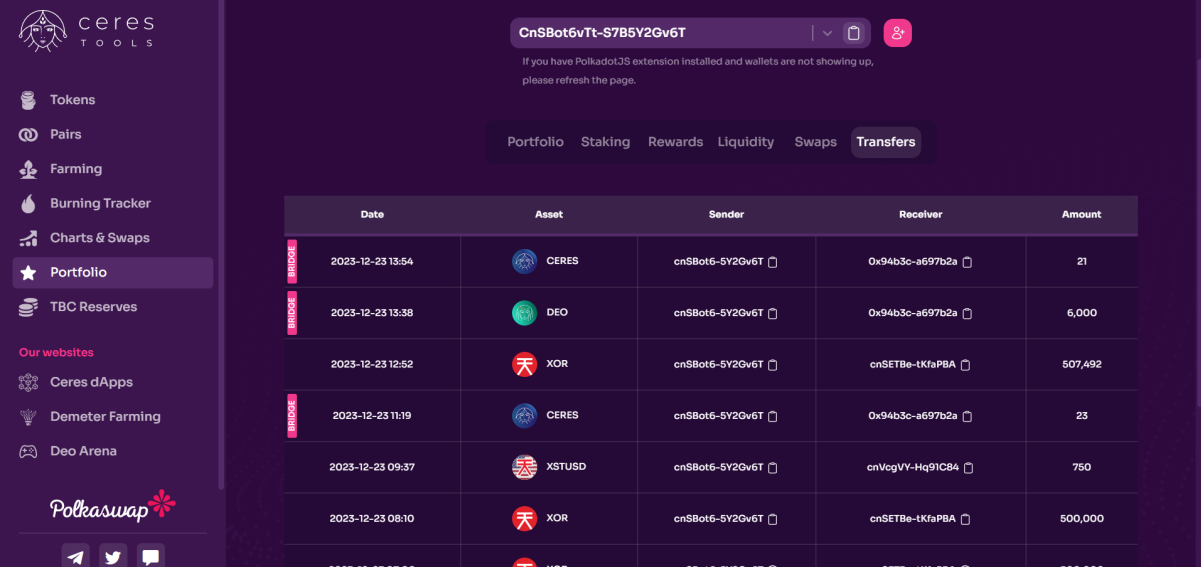
From this release, users are able to track swaps for all tokens at once and can filter the swaps with date_from, date_to, min_amount, max_amount and token filters.

The screenshot shows the Ceres Tools interface with the 'Swaps' section active. The table lists swap transactions with columns for Date, Account, Sold Token, Bought Token, Sold Amount, and Bought Amount. The interface includes a sidebar with navigation options and a top bar with filters for All tokens, Show menu, and Filter swaps.

Date	Account	Sold Token	Bought Token	Sold Amount	Bought Amount
2023-12-23 14:10	cnUZkAbtX2u9ko8g6uwihfGNU/XTVEIG2oB4ZTU5VF98eqe43	TBCD	XOR	3,212.7400402	3,200
2023-12-23 14:10	cnUZkAbtX2u9ko8g6uwihfGNU/XTVEIG2oB4ZTU5VF98eqe43	TBCD	ETH	3,633.1729578	0.0015
2023-12-23 14:10	cnUZkAbtX2u9ko8g6uwihfGNU/XTVEIG2oB4ZTU5VF98eqe43	TBCD	PSWAP	2,395.6389294	1,500
2023-12-23 14:10	cnSmdQju9oLXZBkgPs6kxM1e5e2GXms2PXWoXdpKtEbHktjYB	DAI	HMX	20.9031479	10,000
2023-12-23 14:10	cnUZkAbtX2u9ko8g6uwihfGNU/XTVEIG2oB4ZTU5VF98eqe43	TBCD	XOR	3,212.7402269	3,200
2023-12-23 14:10	cnUZkAbtX2u9ko8g6uwihfGNU/XTVEIG2oB4ZTU5VF98eqe43	TBCD	ETH	3,632.520789	0.0015

1.4 Portfolio

The portfolio feature allows users to track wallets holdings, staking, rewards, liquidity, swaps, and transfers. Users can also monitor the portfolio's movement in 1h, 24-hour, 7-day and 30-day intervals. From this release, transfers across the Hashi Bridge are visible as well.



The screenshot shows the 'Portfolio' tab selected in the Ceres Tools interface. The main content area displays a table of transfers. The table has columns for Date, Asset, Sender, Receiver, and Amount. The data is filtered for the wallet address CnSBot6vTt-S7B5Y2Gv6T. The table shows several transfers, including one for Ceres (CERES) and another for Xor (XOR). The interface also includes a sidebar with navigation options like Tokens, Pairs, Farming, Burning Tracker, Charts & Swaps, Portfolio, TBC Reserves, and Our websites. The top right shows the wallet address and a note about the Polkadot3S extension.

Date	Asset	Sender	Receiver	Amount
2023-12-23 13:54	CERES	cnSBot6-5Y2Gv6T	0x94b3c-a697b2a	21
2023-12-23 13:38	DEO	cnSBot6-5Y2Gv6T	0x94b3c-a697b2a	6,000
2023-12-23 12:52	XOR	cnSBot6-5Y2Gv6T	cnSETBe-tKfaPBA	507,492
2023-12-23 11:19	CERES	cnSBot6-5Y2Gv6T	0x94b3c-a697b2a	23
2023-12-23 09:37	XSTUSD	cnSBot6-5Y2Gv6T	cnVcgVY-Hq91C84	750
2023-12-23 08:10	XOR	cnSBot6-5Y2Gv6T	cnSETBe-tKfaPBA	500,000
2023-12-23 07:00	XOR	cnSBot6-5Y2Gv6T	cnSETBe-tKfaPBA	500,000

1.5 TBC Reserves

Users can track the SORA TBC (Token Bonding Curve) reserves in this section.



2 Ceres Tools Mobile Apps – 40 hrs

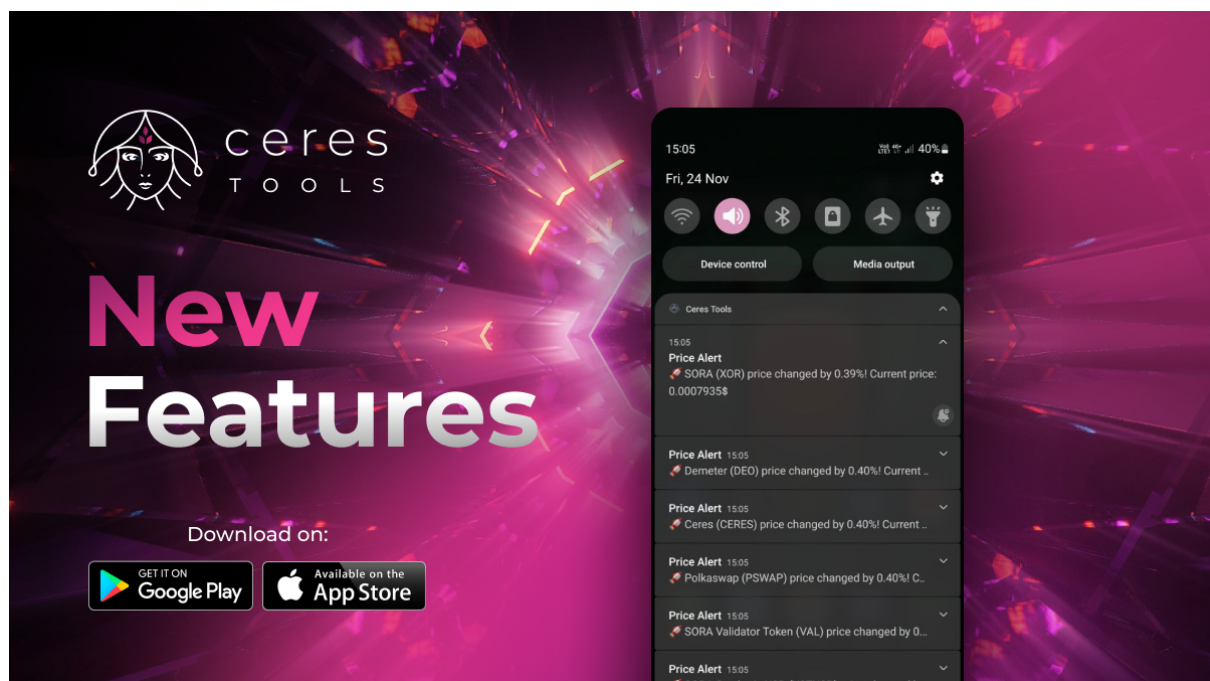
Ceres Tools Mobile App is a Ceres Tools Website version as a mobile app. It is available for both Android and iOS. From this release, users can enjoy all the functionalities that have been added to the Ceres Tools website.

Ceres Tools Android App –

<https://play.google.com/store/apps/details?id=io.cerestoken.tools>

Ceres Tools iOS App –

<https://apps.apple.com/gb/app/ceres-tools/id1590032285>



3 Maintenance, issues and bug fixing – 10 hrs

4 Apollo Protocol – 160 hrs

The Apollo Protocol is the first lending and borrowing platform on the SORA network. Apollo enables its users to deposit and borrow assets on the SORA network. Depositors can provide liquidity and secure passive income through interest, while borrowers can leverage their assets without selling them and pay interest for this service.

A lending and borrowing platform is one of the fundamental dApps of any blockchain, contributing to the growth of liquidity and activity of the network. It is a public, decentralized marketplace for assets accessible not only by users but also by bots and other DeFi protocols. The Apollo Protocol offers a comprehensive set of lending features for assets on the SORA network.

Read more about Apollo Protocol on <https://apollo-protocol.gitbook.io>.

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Invoice

Invoice for	Payable to	Issue Date	Due Date
Ceres Tools Website, Ceres Tools Mobile Apps and Maintenance; Apollo Protocol	Ceres Blockchain Solutions LLC	23 December 2023	06 January 2024

Description	Quantity (Work-Hours)	Unit Price (USD)	Amount (USD)
Ceres Tools Website	192	175	33600
Ceres Tools Mobile Apps	40	175	7000
Maintenance, issues and bug fixing	10	175	1750
Apollo Protocol	160	175	28000
Subtotal			\$70,350

Total Amount Due (USD)	\$70,350
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* Payment can be made in equivalent TBCD, at the market rate

Payout wallet address (TBCD):

cnV8LS7LaaYhqHtqagpaEdPyhjrxsQpbJZ2GkjDU4mM1KiFTy